

Appl. No. 10/659,604
Amdt. dated January 20, 2005
Reply to Office action of October 20, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

Cancel 1-13.

14. (New) A device for supporting a pipe hanger from a support member and for preventing a pipe in the pipe hanger from contacting the support member due to a force exerted on the pipe by a fluid therein, the device including:

a connector for coupling the device to the support member and for supporting the pipe hanger;

a plurality of arms extending from the connector, the arms being fixedly connected to the connector and supported by the connector, the arms being spaced to permit location of the support member there between when the device is adjusted so that the support member projects beyond the connector; and

a portion joining ends of the arms distal from the connector and supported by the arms, the portion for location between the pipe and the support member to prevent the pipe from contacting the support member.

15. (New) The device according to claim 14, wherein the connector includes a threaded portion for communication with a compatible threaded portion of the support member, the connector, the arms and the portion joining the ends of the arms being rotatable as a unit relative to the pipe hanger during rotational threaded-engagement movement of the connector on the threaded portion of the support member.

16. (New) The device according to claim 14, wherein the connector has a collar for supporting the pipe hanger, the collar being a circular member integrally

formed on the connector, an upper portion of the collar for supporting engagement with the pipe hanger and a lower portion of the collar fixedly connected to upper attachment ends of the arms.

17. (New) The device according to claim 16, wherein the collar is at a lower end of the connector.

18. (New) The device according to claim 14, wherein the arms and the portion joining the distal ends of the arms are formed from a single metal piece that is bent into shape, a majority of each arm extending along a first direction and upper end of each arm being turned perpendicular to the first direction and lying against a lower portion of the connector.

19. (New) The device according to claim 18, wherein the upper ends of the arms are turned outwardly from each other.

20. (New) The device according to claim 14, wherein ends of the arms are welded to the connector at locations allowing for the formation of a space between the arms to permit location of the support member there between when the device is adjusted so that the support member projects beyond the connector, the welding providing the fixed connection to the connector and the support of the arms by the connector.

21. (New) The device according to claim 14, wherein the portion joining the distal ends of the arms forms a smooth contacting surface including an arcuate portion disposed at an interface between the contacting surface and the arms.

22. (New) The device according to claim 14, wherein the connector further includes a gripping feature disposed on an outer surface of the connector, the

gripping feature for facilitating adjustment of the position of the device relative to the support member.

23. (New) The device according to claim 14, wherein the connector, the arms, and the portion joining ends of the arms are inseperable.

24. (New) A pipe support assembly for suspending a pipe from a support member in a manner to prevent contact between the pipe and the support member due to a force exerted on the pipe by a fluid therein, the pipe support assembly including:

a pipe hanger; and

a device for supporting the pipe hanger from the support member and for preventing the pipe from contacting the support member, the device including:

a connector to connect the device to the support member;

a plurality of arms extending from the connector, the arms being fixedly connected to the connector and supported by the connector, the arms being spaced to permit location of the support member there between when the device is adjusted so that the support member projects beyond the connector; and

a portion joining ends of the arms distal from the connector and supported by the arms, the portion for location between the pipe and the support member to prevent the pipe from contacting the support member; wherein,

the pipe hanger is shaped to support the pipe, the pipe hanger having an upper end including a hole sized to extend about the connector is vertically supported by the collar.

25. (New) The pipe support assembly according to claim 24, wherein the connector includes a threaded portion for communication with a compatible threaded portion of the support member, the connector, the arms and the portion joining the ends of the arms being rotatable as a unit relative to the pipe hanger during

rotational threaded-engagement movement of the connector on the threaded portion of the support member.

26. (New) The pipe support assembly according to claim 24, wherein the arms and the portion joining the distal ends of the arms are formed from a single metal piece that is bent into shape, a majority of each arm extending along a first direction and upper end of each arm being turned perpendicular to the first direction and lying against a lower portion of the connector.

27. (New) The pipe support assembly according to claim 26, wherein the pipe hanger further includes an aperture in each of a first end and a second end, the apertures for location about the support member.

28. (New) The pipe support assembly according to claim 14, wherein the position of the pipe hanger relative to the device is limited in one direction by contact between a collar disposed at an end of the connector and the upper end of the pipe hanger.

29. (New) The pipe support assembly according to claim 14, wherein the portion joining distal ends of the arms forms a smooth contacting surface including an arcuate portion disposed at an interface between the contacting surface and the arms.

30. (New) The pipe support assembly according to claim 14, wherein ends of the arms are welded to the connector at locations allowing for the formation of a space between the arms to permit location of the support member there between when the device is adjusted so that the support member projects beyond the connector, the welding providing the fixed connection to the connector and the support of the arms by the connector.

Appl. No. 10/659,604
Amdt. dated January 20, 205
Reply to Office action of October 20, 2004

31. (New) The pipe support assembly according to claim 14, wherein the connector, the arms, and the portion joining ends of the arms are inseperable.

32. (New) The pipe support assembly according to claim 14, wherein the arms and the portion joining ends of the arms are spaced from the pipe hanger to be non-contacting with the pipe hanger.

33. (New) The pipe support assembly according to claim 14, wherein the connector, the arms, and the portion joining ends of the arms are inseperable.